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Date: July 6, 2004

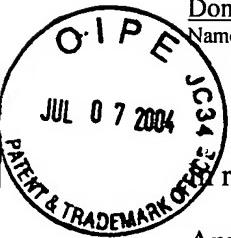
I hereby certify that, on the date indicated above, I deposited this paper with identified attachments and/or fee with the U.S. Postal Service and that it was addressed for delivery to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 by "First Class Mail" service.

Donald S. Prater

Name (Print)

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Signature



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re the Application of: Dunstan et al.) Docket No.: 3050-004
Application No.: 10/820,638) Examiner: Unassigned
Filed: April 8, 2004) Confirmation No.: Unassigned
Group Art Unit: Unassigned) Customer No.: 33432

For: LITHIUM-ION CELL WITH A WIDE OPERATING TEMPERATURE RANGE

INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 CFR 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

July 6, 2004

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. Since this application has a filing date after June 30, 2003, no copies of U.S. Patents/Patent Application Publications are provided.

This Information Disclosure Statement is being submitted before expiration of the three-month period following filing of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. *See* 37 CFR 1.104(a) and 1.106(b) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear

Information Disclosure Statement
U.S. Patent Application No. 10/820,638

on the first page of any patent to issue therefrom.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in this application and applicant determines that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

It is believed that no fee is required to make this a complete and timely filing. However, if it is determined that a petition or fee is required, the Commissioner is hereby authorized to charge any fee associated with this statement to our Deposit Account No. 50-0925.

Respectfully submitted,



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Atty. Docket No.: 3050-004		O·I·P JUL 07 2004 PATENT & TRADEMARK OFFICE	Application No.: 10/820,638			
Applicant:	Dunstan et al.					
Filing Date:	April 8, 2004	Group Art Unit:	Unassigned			
U.S. PATENT DOCUMENTS						
Examiner Initial*	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	4,310,400	1/12/82	Mark, Jr., et al.	204	195 M	
	5,552,241	9/3/96	Mamantov, et al.	429	103	
	5,827,602	10/27/98	Koch, et al.	429	194	
	5,589,291	12/31/96	Carlin, et al.	429	103	
FOREIGN PATENT DOCUMENTS						
	Document Number	Date	Country	Class	Sub Class	Translation Yes or No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
	Koch, et al., <i>The Intrinsic Anodic Stability of Several Anions Comprising Solvent-Free Ionic Liquids</i> , J. Electrochem. Soc., Vol. 143, No. 3 (March 1996)					
	Lipsztajn, et al., <i>Electrochemical Reduction of N-(1-Butyl)Pyridinium Cation In 1-Methyl-3-Ethylimidazolium Chloride-Aluminium Chloride Ambient Temperature Ionic Liquids</i> , Electrochimica Acta, Vol. 29, No. 10, pp 1349-1352, (1984)					
	Fannin, Jr., et al., <i>Properties of 1,3-Dialkylimidazolium Chloride-Aluminum Chloride Ionic Liquids. 2. Phase Transitions, Densities, Electrical Conductivities, and Viscosities</i> , J. Phys. Chem, 88, 2614-2621 (1984)					
	Suarez, et al., <i>The Use Of New Ionic Liquids in Two-Phase Catalytic Hydrogenation Reaction By Rhodium Complexes</i> , Polyhedron, Vol. 15, No. 7, pp. 1217-1219 (1996)					
	Suarez, et al., <i>Enlarged electrochemical window in dialkyl-imidazolium cation based room-temperature air and water-stable molten salts</i> , Electrochimica Acta, Vol. 42, No. 16, pp. 2533-2535 (1997)					
	Wilkes, et al., <i>Air and Water Stable 1-Ethyl-3-methylimidazolium Based Ionic Liquids</i> , J. Chem Soc., Chem. Commun., pp. 965-966 (1992)					
	Gifford, et al., <i>A Substituted Imidazolium Chloroaluminate Molten Salt Possessing an Increased Electrochemical Window</i> , J. Electrochem. Soc., Vol. 134, No.3, pp. 610-614 (March 1987)					
	Niyazymbetov, et al., <i>Electrochemical Oxidation of Nitroazole Anions</i> , translated from Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya, No. 10, pp. 2390-2391, published by Plenum Publishing Corp., (October, 1987)					
	Bonhote, et al., <i>Hydrophobic, Highly Conductive Ambient-Temperature Molten Salts</i> , Inorg. Chem. Vol., 35, pp. 1168-1178 (1996)					
	Scordilis-Kelley, et al., <i>Alkali Metal Reduction Potentials Measured in Chloroaluminate Ambient-Temperature Molten Salts</i> , J. Electrochem. Soc., Vol. 139, No. 3, pp. 694-699. (March 1992).					
	Melton, et al., <i>Electrochemical Studies of Sodium Chloride as a Lewis Buffer for Room Temperature Chloroaluminate Molten Salts</i> , J. Electrochem. Soc., Vol. 137, pp. 3865-3869. (December 1990)					

	Fuller, et al. <i>Structure of 1-Ethyl-3-methylimidazolium Hexafluorophosphate: Model for Room Temperature Molten Salts</i> , J. Chem. Soc., Chem. Commun., pp. 299-300. (1994)
	Fuller, et al., <i>The Room Temperature Ionic Liquid 1-Ethyl-3-methylimidazolium Tetrafluoroborate: Electrochemical Couples and Physical Properties</i> , J. Electrochem. Soc., Vol. 144, No. 11, pp. 3881-3886. (November 1997).
	Carlin, et al., <i>Dual Intercalating Molten Electrolyte Batteries</i> , J. Electrochem. Soc., Vol. 141, No. 7, pp. L73-L76. (July 1994).
	Carlin, et al., <i>Reversible Lithium-Graphite Anodes in Room-Temperature Chloroaluminate Melts</i> , J. Electrochem. Soc., Vol. 141, No. 3, pp. L21-L22. (March 1994).
	Scordilis-Kelley, et al., <i>Stability and Electrochemistry of Lithium in Room Temperature Chloroaluminate Molten Salts</i> , J. Electrochem. Soc., Vol. 141, No. 4, pp. 873-875. (April 1994).
	Fuller, et al. <i>In Situ Optical Microscopy Investigations of Lithium and Sodium Film Formation in Buffered Room Temperature Molten Salts</i> , J. Electrochem. Soc., Vol. 143, No. 7, pp. L145-L147. (July 1996).
	Koch, et al., <i>The Interfacial Stability of Li with Two New Solvent-Free Ionic Liquids: 1,2-Dimethyl-3-propylimidazolium Imide and Methide</i> , J. Electrochem. Soc., Vol. 142, No. 7, pp. L116-L118. (July 1995)
	Caja, et al., <i>Room Temperature Molten Salts (Ionic Liquids) as Electrolytes in Rechargeable Lithium Batteries</i> , published in SAE Aerospace Power Systems Conference (April 6-8, 1999), Mesa, Arizona, pp. 217-222.
Examiner	Date Considered
*Examiner:	Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce

FORM PTO-1449 (REV 7-80)			Atty. Docket No. 3050-004	Application No. 10/820,638	
O I P S INFORMATION DISCLOSURE STATEMENT			APPLICANT: Dunstan et al.		
			Filing Date: April 8, 2004	Group Art Unit: Unassigned	

JUL 07 2004

U.S. PATENT DOCUMENTS

EXAMINER'S NAME & TRADEMARKS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE, IF APPROPRIATE
	5,552,241	09/1996	Mamantov et al.	429	103	
	5,965,054	10/12/99	McEwen et al.	252	62.2	
	5,973,913	10/26/99	McEwen et al.	361	523	
	6,326,104 B1	12/04/01	Caja et al.	429	188	
	6,365,301 B1	04/02/02	Michot et al.	429	307	
	5,683,832	11/04/97	Bonhote et al.	429	111	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
		WO 97/02252	01/23/97	PCT			
		JP 409139233-A	05/1997	Japan		Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
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